

## EAST Search History

## EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	2	("5,777,372").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2011/08/22 16:07
L2	2	"20050029095"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2011/08/22 17:03
L3	6	microelectrode with circular with area	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2011/08/22 17:06
L4	49513	downhole	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2011/08/22 17:10
L5	456	downhole with electrode	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2011/08/22 17:10
L6	7	is and microelectrode	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2011/08/22 17:10
L7	0	semiconductor with circular with diamond	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2011/08/22 17:13
L8	0	semiconductor and (circular with diamond)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2011/08/22 17:13

L9	0	semiconductor and (circular and diamond)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2011/08/22 17:13
L10	0	semiconductor and circular and diamond	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2011/08/22 17:14
L11	16311	semiconductor and circular and diamond	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2011/08/22 17:14
L12	1244	semiconductor and (circular with diamond)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2011/08/22 17:14
L13	59	semiconductor with circular with diamond	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2011/08/22 17:14
L14	0	semiconductor with circular with diamond with tip	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2011/08/22 17:16
L15	1	semiconductor with circular with diamond with (pin or tip or projection)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2011/08/22 17:16
L16	1	"10567028"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2011/08/22 17:22
L17	61545	semiconductor with multiple	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2011/08/22 18:05
L18	4027	semiconductor with multiple with connected	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2011/08/22 18:06

L19	221	chain adj semiconductors	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2011/08/22 18:06
L20	1	semiconductors with connected adj in adj parallel	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2011/08/22 18:08
L21	1	semiconductor with connected adj in adj parallel	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2011/08/22 18:09
L22	19870	semiconductor with connected with parallel	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2011/08/22 18:09
L23	375	multiple with semiconductor with connected with parallel	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2011/08/22 18:09
L24	2082	semiconductor adj array	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2011/08/22 18:14
L25	3	semiconductor adj array with diamond	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2011/08/22 18:14
L26	2438	CMOS adj array	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2011/08/22 18:17
L27	0	CMOS adj array with biosensor	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2011/08/22 18:17
L28	97	CMOS adj array and biosensor	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2011/08/22 18:17

L29	0	mis adj array and biosensor	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2011/08/22 18:19
L30	28	let adj array and biosensor	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2011/08/22 18:19
L31	3409	204/400,415,418,418.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2011/08/22 18:42
L32	176	31 AND diamond	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2011/08/22 18:42
L34	899	(Pockles with Charles with Simon with James).in. or (Hall with clive with Edward).in. or (Jang with Li).in. or (Perkins with Neil).in. or (Kleijhorst with Richard).in.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2011/08/22 18:44
L35	142	34 and diamond	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2011/08/22 18:44
S1	0	204/415,418,416	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/04/27 11:30
S2	2506	204/415,418,416.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/04/27 11:30
S3	1305	S2 and (selectiv\$3 or sensitiv\$3 near membrane)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/04/27 11:30
S4	1403	S2 and (selectiv\$3 or sensitiv\$3 with membrane)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/04/27 11:30

S5	1163	S3 and @py<"2004"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/04/27 11:31
S6	1280	S2 and (selectiv\$3 and\ sensitiv\$3 near membrane)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/04/27 11:32
S7	142	S2 and (selectiv\$3 and sensitiv\$3 near membrane)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/04/27 11:32
S8	131	S7 and @py<"2004"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/04/27 11:32
S9	1	"10567028"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2010/05/25 16:17
S10	2	("6599841").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2010/05/25 16:43
S11	0	conducting with nonconducting with layer with etching with ((rabit with ear) or (residual))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2010/05/25 16:49
S12	0	conducting with non-conducting with layer with etching with ((rabit with ear) or (residual))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2010/05/25 16:49
S13	0	conducting with non-conducting with etching with ((rabit with ear) or (residual))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2010/05/25 16:49
S14	0	conducting with non-conducting with etching with ((rabit with ear) or (residual))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2010/05/25 16:49

S15	0	conducting with non-conducting with etching with ((rabbit with ear) or (residual) or deposit)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2010/05/25 16:49
S16	7941	layer with etching with ((rabbit with ear) or (residual) or deposit)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2010/05/25 16:49
S17	16075	layer with etch\$5 with ((rabbit with ear) or (residual) or deposit)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2010/05/25 16:50
S18	0	conducting with non-conducting with etch\$5 with ((rabbit with ear) or (residual) or deposit)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2010/05/25 16:50
S19	45	diamond with layer with etch\$5 with ((rabbit with ear) or (residual) or deposit)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2010/05/25 16:50
S20	4	("3921022").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2010/05/25 16:59
S21	2	("6126845").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2010/05/25 17:02
S22	0	diamond with layer with etch\$5 with ((rabbit with ear))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2010/05/25 17:07
S23	0	diamond with layer with etch\$5 with ((ear))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2010/05/25 17:07
S24	16	layer with etch\$5 with ((rabbit with ear))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2010/05/25 17:07

S25	3256	204/400,415,418,418.cds.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2010/05/25 18:08
S26	48	S25 and (diamond and microelectrode)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2010/05/25 18:09
S27	2	"20050029095"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2010/12/13 17:48
S28	3	"20050029125"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2010/12/13 17:49
S29	8225	204/400,409,433,412,406,408,410,411,415,416,421,422,434,280.cds. or 205/775,782.5,786.5,787.5,793,794.5.cds.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2010/12/13 19:17
S30	771	(charles with pickles).in. or (dive with hall).in. or (li with jiang).in. or (richrd with dejhorst).in. or (neil with pektrins).in.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2010/12/13 19:18
S31	19	S30 and (diamond with electrode)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2010/12/13 19:18
S32	116	S29 and (diamond with electrode)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2010/12/13 19:18
S38	3639	204/415,418,416,294.cds.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2011/04/20 16:38
S39	875	(charles with pickles).in. or (dive with hall).in. or (li with jiang).in. or (richrd with dejhorst).in. or (neil with pektrins).in.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2011/04/20 16:58

S40	29	S39 and (diamond with electrode or microelectrode)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2011/04/20 16:58
S41	230	S38 and (diamond with electrode or microelectrode)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2011/04/20 17:02
S50	1	WO2004/005585	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2011/07/13 11:20
S51	2	("5777372").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2011/07/13 15:02
S52	1	"10567028"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2011/07/13 15:13
S53	2	("5777372").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2011/07/14 12:23
S54	0	WO2002077632	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2011/07/14 12:49
S55	0	WO2077632	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2011/07/14 12:49
S56	0	WO2002/02077632	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2011/07/14 12:49
S57	0	JP3390756	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2011/07/14 12:50



S58	1	JP2002286692	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2011/07/14 12:50
S59	0	JP20010088314	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2011/07/14 12:50
S60	2	("5,173,761").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2011/07/14 13:23
S61	1	"10567028"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2011/07/14 13:33
S62	2	("5844252").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2011/07/14 14:20

## EAST Search History (Interference)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L36	5253	204,400,409,433,412,406,408,410,411,415,416,421,422,434,280.ccls. or 205/775,782.5,786.5,787.5,793,794.5.ccls.	USPAT; UPAD	OR	ON	2011/08/22 18:48
L37	63	336 and (diamond with electrode)	USPAT; UPAD	OR	ON	2011/08/22 18:48
L38	329	(diamond with conduct\$5 with \$3conduct\$5 with (area or pin or projection or plan\$5 or surface)).dlm.	USPAT; UPAD	OR	ON	2011/08/22 18:48
L39	5253	204,400,409,433,412,406,408,410,411,415,416,421,422,434,280.ccls. or 205/775,782.5,786.5,787.5,793,794.5.ccls.	USPAT; UPAD	OR	ON	2011/08/22 18:48
L40	329	338 not "s26"	USPAT; UPAD	OR	ON	2011/08/22 18:49
L41	329	(diamond with conduct\$5 with \$3conduct\$5 with (area or pin or projection or plan\$5 or surface)).dlm.	USPAT; UPAD	OR	ON	2011/08/22 18:49
L42	0	338 not L41	USPAT; UPAD	OR	ON	2011/08/22 18:49

L43	63	S39 and (diamond with electrode)	USPAT; UPAD	OR	ON	2011/08/22 18:50
S33	5182	204/400,409,433,412,406,408,410,411,415,416,421,422,434,280.ccls. or 205/775,782.5,786.5,787.5,793,794.5.ccls.	USPAT; UPAD	OR	ON	2010/12/13 19:17
S34	59	S33 and (diamond with electrode)	USPAT; UPAD	OR	ON	2010/12/13 19:19
S35	1	"10571219"	USPAT; UPAD	OR	ON	2010/12/13 19:24
S36	317	(diamond with conduct\$5 with \$3conduct\$5 with (area or pin or projection or plan\$5 or surface)).clm.	USPAT; UPAD	OR	ON	2010/12/13 19:29
S37	40	(diamond with conduct\$5 with \$3conduct\$5 with (area or pin or projection or plan\$5 or surface) with electrode).clm.	USPAT; UPAD	OR	ON	2010/12/13 19:29
S42	6049	204/400,409,433,412,406,408,410,411,415,416,421,422,434,280,294.ccls. or 205/775,782.5,786.5,787.5,793,794.5.ccls.	USPAT; UPAD	OR	ON	2011/04/20 16:50
S43	42	(diamond with conduct\$5 with \$3conduct\$5 with (area or pin or projection or plan\$5 or surface) with electrode).clm.	USPAT; UPAD	OR	ON	2011/04/20 16:50
S44	42	(diamond with conduct\$5 with \$3conduct\$5 with (area or pin or projection or plan\$5 or surface) with electrode).clm.	USPAT; UPAD	OR	ON	2011/04/20 16:51
S45	0	S43 not S44	USPAT; UPAD	OR	ON	2011/04/20 16:51
S46	82	S42 and (diamond with electrode)	USPAT; UPAD	OR	ON	2011/04/20 16:51
S47	5215	204/400,409,433,412,406,408,410,411,415,416,421,422,434,280.ccls. or 205/775,782.5,786.5,787.5,793,794.5.ccls.	USPAT; UPAD	OR	ON	2011/04/20 16:51
S48	62	S47 and (diamond with electrode)	USPAT; UPAD	OR	ON	2011/04/20 16:51
S49	20	S46 not S48	USPAT; UPAD	OR	ON	2011/04/20 16:51

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